

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(ghosh-arunabha).in.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/28 14:24
S1	1	("5991331").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/14 11:33
S2	2	("5563610"   "5748669").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:34
S3	1	delay adj induced adj scattering	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:34
S4	194	scatter\$4 with delay with phase	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/20 08:46
S5	55797	(one or single or a) adj4 (antenna)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:35
S6	15	S4 S5	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:35
S7	4399538	@ad <="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/26 11:42
S8	12	S6 S7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:37
S9	5230	delay with phase with transmit\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:04
S10	557	S9 S5 S7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:38
S11	76	S9 same S5 S7	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/14 11:38
S12	10603	frequency adj4 hop\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 14:48
S13	27029	tdma	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 14:49

## EAST Search History

S14	89541	(phase) same delay	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 14:49
S15	19885	(phase) same delay same (transmits\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 14:51
S16	92	S12 same S13 and S15	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 14:53
S17	4399602	@ad <="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/21 10:44
S18	81	S16 S17	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:03
S19	42319	fading	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 16:14
S20	944	S12 S13 S19	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 16:15
S21	745	S20 S17	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 16:16
S22	190	S21 S15	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/15 16:16
S23	3074	time adj4 diversity	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:03
S24	1903	transmit adj4 diversity	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:03
S26	5233	delay with phase with transmit\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:04
S27	121	S23 S26	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:04
S28	4399602	@ad <="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:04
S29	93	S27 S28	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:04

## EAST Search History

S30	3	("4355399"   "5657343"   "5812522").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:28
S31	5	("6215810").URPN.	USPAT	AND	OFF	2007/02/16 13:28
S32	7	("4355399"   "5657343"   "5737358"   "5812522"   "5894473"   "6112094"   "6128328").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 13:30
S33	7	("6289038").URPN.	USPAT	AND	OFF	2007/02/16 13:31
S34	28	("4628517"   "4827480"   "5003545"   "5016242"   "5191459"   "5457557"   "5519692"   "5521937"   "5563906"   "5712716"   "5793413"   "5818619"   "5940198"   "5955983"   "5960032"   "6008760"   "6058105"   "6091967"   "6097712"   "6107954"   "6128278"   "6144711"   "6192068"   "6211671"   "6486190"   "6567982"   "6570913"   "RE36944").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 14:58
S35	256	frequency adj diversity same frequency adj4 hopping	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 14:59
S36	4399602	@ad <="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 14:59
S37	153	S35 S36	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 15:21
S38	0	S35 same tdma	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 15:00
S39	13	S35 same tdma	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 15:00
S40	8	S36 S39	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 15:00
S41	58	S35 S36 and tdma	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/16 15:21
S42	1	("7065156").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/17 18:05

## EAST Search History

S43	15	("5289499"   "5943372"   "6088408"   "6178196"   "6185258"   "6356605"   "6424642"   "6424679"   "6430231"   "6449314"   "6459740"   "6501803"   "6542556"   "6549585"   "6587515").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 18:05
S44	0	("7065156").URPN.	USPAT	AND	OFF	2007/02/17 18:08
S45	979	time adj diversity	USPAT	AND	OFF	2007/02/17 18:08
S46	4453	frequency adj hopping	USPAT	AND	OFF	2007/02/17 18:08
S47	9991	frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:09
S48	9991	frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:09
S49	13	S45 same S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:18
S50	205	phase adj diversity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:18
S51	6	S50 S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:23
S52	21161	phase same delay same transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/19 11:21
S53	617	S52 S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:23
S54	4399602	@ad <="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/22 17:59

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S55	536	S53 S54	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 18:48
S56	28	S52 same S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:23
S57	23	S56 S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 18:24
S58	27029	tdma	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 18:48
S59	199	S55 S58	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 18:48
S60	2648	(random or various or different) with phase same delay same transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 19:02
S61	50	S60 S56 S48 S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/17 19:04
S62	9	("4312072"   "4759013"   "5038344"   "5282225"   "5294933"   "5483557"   "5524124"   "5748670"   "5751703").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 19:25
S63	6829	(group or plurality or multiple) adj4 (carrier\$2) same (partition\$4 or split\$4 or separat\$4 or set\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:37
S64	1728317	transmitter or transmit\$4	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:37
S65	282066	transmitter or transmitting	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:37
S66	1567	S63 S65	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:37

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S67	4399602	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:38
S68	909	S66 S67	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:38
S69	389	S63 same S65 S66	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:38
S70	136	S63 same S65 S67	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/17 20:38
S71	991	tdma same (fn or frequency adj hopping)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 11:21
S72	21161	phase same delay same transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/19 11:22
S73	4399602	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 11:22
S74	71	S71 S72 S73	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 14:40
S75	981	frequency adj hopping same tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/19 14:40
S76	4399602	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 14:40
S77	755	S75 S76	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 14:41
S78	356512	transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 14:41
S79	538	S77 S78	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 14:42

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S80	21161	phase same delay same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 14:42
S81	69	S79 S80	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:01
S82	5	(ghosh-arunabha).in.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 15:13
S83	7	((("5103459") or ("5991331") or ("6321082") or ("6694147") or ("20050078650") or ("20040125863") or ("20060072649").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/19 15:13
S84	8	(frequency adj hopping same tdma) and (phase) with (random\$3 or various or control\$4) same delay same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 17:52
S85	9	(frequency adj hopping same tdma) and (phase) with (random\$3 or various or control\$4) same frequency adj hopping	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 18:13
S86	69	(frequency adj hopping same tdma) and (phase) with (random\$3 or various or control\$4) same delay	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 18:14
S87	4399602	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 18:14
S88	62	S86 S87	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 18:32
S89	1	("6047023").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/02/19 18:32
S90	9	("4312072"   "4759013"   "5038344"   "5282225"   "5294933"   "5483557"   "5524124"   "5748670"   "5751703").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 18:32

## EAST Search History

S91	9462	(plurality or multiple or set\$1) adj4 (carrier adj frequenc\$3 or carrier\$2) same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 20:05
S92	58	(plurality or multiple or set\$1) adj4 (carrier adj frequenc\$3 or carrier\$2) with (split or partition\$3) same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/19 20:06
S93	4399602	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 20:06
S94	27	S92 S93	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/19 20:06
S95	984	tdma same frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:51
S96	57	(tdma same frequency adj hopping).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:49
S97	171	delay\$4 with tdma adj4 frame\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:18
S98	0	S96 S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:49
S99	19	delay\$4 with tdma adj4 frame\$2 with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:49
S100	24	delay\$4 with tdma adj4 frame\$2 with (frequency or phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:51
S101	2	S100 S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:50

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S10 2	2533	tdma frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:51
S10 3	2	S100 S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:51
S10 4	38	delay\$4 with tdma adj4 frame\$2 same (frequency or phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 08:51
S10 5	6	S104 S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:18
S10 6	4553	(375/299,295,259,260).ccs.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:18
S10 7	27	S97 S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:19
S10 8	1	S99 S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:19
S10 9	171	delay\$4 with tdma adj4 frame\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:20
S11 0	27	S102 S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/20 09:20
S11 1	4401020	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/20 09:20

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S11 2	26	S110 S111	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/20 09:20
S11 3	4940	frequency adj hopping and spread adj spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:26
S11 4	1235	S113 tdma	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:02
S11 5	2408	(pn or spreading adj code) with delay	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:26
S11 6	45	S114 S115	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:02
S11 7	0	S116 "174"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:02
S11 8	41	S116 S111	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:02
S11 9	1235	frequency adj hopping and spread adj spectrum and tdma	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:26
S12 0	112951	(pn or spreading adj code)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:42
S12 1	464	S119 S120	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:27
S12 2	351	S121 S111	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:27
S12 3	542	(pn or spreading adj code) with delay with phase	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 10:42

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S12 4	12	S123 S119	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 11:32
S12 5	867	frequency adj hopping and tdma and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 14:07
S12 6	217	frequency adj hopping same diversity and tdma	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 11:32
S12 7	103191	delay with (phase or frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 11:33
S12 8	47	S126 S127	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 11:33
S12 9	43	S128 S111	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:13
S13 0	50	delay with tdma adj4 frames	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 11:50
S13 1	18	S111 S130 S102	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 12:21
S13 2	984	frequency adj hopping same tdma	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 12:22
S13 3	27	S132 S106 S111	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 13:18
S13 4	50	delay with tdma adj4 frames	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 13:19
S13 5	45	S134 S111	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/20 13:19

## EAST Search History

S13 6	788	tdma and frames with delay	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/21 10:44
S13 7	1933654	ing	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/21 10:44
S13 8	122	tdma and frames with delay and frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 12:09
S13 9	4401020	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/21 10:45
S14 0	113	S138 S139	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/21 10:44
S14 1	13962800	@ad<="20031010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 10:45
S14 2	113	S138 S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 10:45
S14 3	791	tdma and frames with delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 12:10
S14 4	652	S143 S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 12:09
S14 5	70	tdma and tdma with frames with delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 12:10
S14 6	66	S145 S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/21 12:10

## EAST Search History

S147	0	"(375/299,295,267,130,347).ccds. and (time adj diversity or frequency adj diversity or phase adj diversity)"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 16:08
S149	29345	tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 16:07
S150	634	(375/299,295,267,130,347).ccds. and (time adj diversity or frequency adj diversity or phase adj diversity)"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:28
S151	101	S148 S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 16:08
S153	2941	(375/299,267,260).ccds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 17:58
S154	197	S153 S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 17:58
S155	33	phase with delay with tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:00
S156	13962857	@ad<="20031010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:12
S157	0	S155 S156 S153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 17:59
S158	68509	phase with delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:00

2/28/2007 2:24:54 PM

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S159	1703	S158 S156 tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:00
S160	282	S158 S156 tdma S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:28
S161	4337	(time adj diversity or frequency adj diversity or phase adj diversity)"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:28
S162	357178	transmitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:28
S163	3153	S162 S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:28
S164	480	S163 S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:29
S165	386	S164 S156	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:29
S166	5428	antenna adj beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:29
S167	12469	antenna adj array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:29
S168	83	S165 S167	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:30

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S169	27	S168 S149 S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:42
S170	2538	S149 frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:43
S171	984	S149 same frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:43
S172	777	S171 S156	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/22 18:44
S174	25556	delay with time with phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:12
S175	13962857	@ad<="20031010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:12
S176	46571	(array with antenna or antenna adj) system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:13
S177	1126	S175 S174 S176	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:14
S178	29345	tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:15
S179	10029	frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:15

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S180	164	S177 S178	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 11:15
S181	116	frequency adj hopping same tdma and (antenna adj system or antenna adj element)2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 14:09
S182	97	S181 S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 13:37
S183	43	tdma adj frames2 same delay same phase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 13:56
S184	1	("6907228").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/02/23 13:56
S185	1	S184 S179	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 14:09
S186	984	frequency adj hopping same tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 14:09
S187	1057	tdma adj frames	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 14:09
S188	101	S186 S187	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 14:09
S189	88	S188 S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/23 14:10
S190	959	tdma same frequency adj hopping	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/26 11:36
S191	4401077	@ad<="20031010"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/26 11:42

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S19 2	13962857	@ad<="20031010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:27
S19 3	757	S190 S192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 11:56
S19 4	207	(frame\$3 same delay same (random\$4 or various or different) adj4 phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 11:58
S19 5	159	S194 S191	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 11:58
S19 6	10029	frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 11:58
S19 7	108	S195 S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:26
S19 8	889	(group or band or set) adj4 (frequenc\$3 or carrier adj frequenc\$3) same (partition\$4 or seperat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:18
S19 9	13962857	@ad<="20031010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/27 07:35
S20 0	501	S198 S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:28
S20 1	1	transmit\$4 with first adj sector same second adj sector same (frequency) near4 (hopping)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:29

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S20 2	29345	tdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:29
S20 3	18	S198 same S202 S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:56
S20 4	0	S199 adj cell adj reuse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 14:58
S20 5	143130	(group or band or set) adj4 (frequenc\$3 or carrier adj frequenc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:19
S20 6	6065	S205 S202	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:18
S20 7	10029	frequency adj hopping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:18
S20 8	1082	S206 S207	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:18
S20 9	845	S208 S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:18
S21 0	276	S205 same S207 S202 S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:19
S21 1	76982	(group or set) adj4 (frequenc\$3 or carrier adj frequenc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:19

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S21 2	122870	(group or set\$2 or first with second) adj4 (frequenc\$3 or carrier adj frequenc\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:20
S21 3	12570	even same odd same frame\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:20
S21 4	52	S212 same S213	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:37
S21 5	2	S214 S207 S202 S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:20
S21 6	56	S212 S213 S207 S202 S199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/26 15:37
S21 7	4548	(370/343,341,345,347,441,442, 498).ccis.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/28 14:24
S21 8	2514	tdma frequency adj hopping	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 06:28
S21 9	757	tdma phase with delay with time	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 06:29
S22 0	51	S217 S219	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 07:34
S22 1	51	S217 S219	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 07:34
S22 2	252	S217 S218	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 07:34
S22 3	96818	(group or plurality or subset or set) adj4 (carrier adj frequenc\$3 or frequenc\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 08:21

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S22 4	110	S222 S223	US-PGPUB; USPAT; USOCR	AND	OFF	2007/02/27 07:35
S22 5	13964291	@ad<="20031010"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/27 07:35
S22 6	100	S224 S225	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/27 07:35
S22 8	13077	even same odd same (carrier adj4 frequenc\$4 or frequenc\$4 or hopping adj4 frequenc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/27 08:22
S22 9	49	S228 S225 S217	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2007/02/27 08:22
S23 0	2540	tdma frequency adj hopping	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:13
S23 1	2608	(group or set) near4 (carrier adj frequenc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:18
S23 2	13868541	@ad<="20031010"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:14
S23 3	71	S230 S231 S232	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:14
S23 4	50504	(group or set) near4 (carrier)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:18
S23 5	141	S230 S234 S232	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/02/28 08:18

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